

**Table 4. Percents (with standard errors) of selected respiratory diseases among persons 18 years of age and over, by selected characteristics: United States, 1997**

Selected characteristic	Selected respiratory diseases <sup>1</sup>				
	Emphysema	Asthma	Hay fever	Sinusitis	Chronic bronchitis
	Percent <sup>2</sup> (standard error)				
Total . . . . .	1.7 (0.07)	9.1 (0.18)	9.3 (0.19)	16.3 (0.27)	5.0 (0.14)
Sex					
Male . . . . .	2.0 (0.13)	8.0 (0.27)	8.6 (0.26)	11.5 (0.32)	3.3 (0.17)
Female . . . . .	1.3 (0.08)	10.0 (0.25)	10.0 (0.26)	20.7 (0.37)	6.5 (0.21)
Age					
18–44 years . . . . .	0.3 (0.04)	9.6 (0.25)	9.9 (0.26)	15.3 (0.33)	4.2 (0.18)
45–64 years . . . . .	2.2 (0.16)	8.8 (0.32)	9.8 (0.36)	19.3 (0.50)	5.6 (0.25)
65–74 years . . . . .	5.6 (0.42)	8.0 (0.54)	7.2 (0.46)	15.6 (0.68)	7.0 (0.47)
75 years and over . . . . .	5.1 (0.44)	7.2 (0.52)	5.2 (0.46)	13.2 (0.72)	6.3 (0.50)
Race and ethnicity <sup>3</sup>					
White non-Hispanic . . . . .	1.9 (0.09)	9.4 (0.22)	9.7 (0.23)	17.3 (0.31)	5.3 (0.17)
Black non-Hispanic . . . . .	1.0 (0.16)	9.6 (0.48)	8.9 (0.50)	16.5 (0.73)	4.9 (0.35)
Other non-Hispanic . . . . .	*0.9 (0.29)	8.0 (0.82)	10.6 (1.10)	12.0 (1.16)	2.7 (0.50)
Hispanic . . . . .	0.6 (0.14)	6.5 (0.38)	6.5 (0.39)	9.9 (0.46)	3.3 (0.29)
Poverty status <sup>4</sup>					
Poor . . . . .	2.7 (0.26)	11.5 (0.54)	8.8 (0.50)	15.8 (0.67)	7.4 (0.43)
Near poor . . . . .	2.9 (0.23)	10.1 (0.44)	8.6 (0.44)	15.5 (0.55)	6.2 (0.35)
Not poor . . . . .	1.2 (0.09)	8.9 (0.25)	10.3 (0.27)	17.4 (0.35)	4.6 (0.19)
Region					
Northeast . . . . .	1.4 (0.16)	8.5 (0.40)	9.2 (0.43)	14.9 (0.48)	4.4 (0.29)
Midwest . . . . .	1.6 (0.14)	9.1 (0.34)	8.7 (0.39)	15.7 (0.57)	4.9 (0.26)
South . . . . .	1.9 (0.13)	8.8 (0.31)	8.7 (0.31)	19.5 (0.51)	5.7 (0.27)
West . . . . .	1.6 (0.17)	10.0 (0.43)	11.2 (0.48)	12.5 (0.45)	4.4 (0.30)
Sex and age					
Male:					
18–44 years . . . . .	0.3 (0.07)	8.5 (0.36)	9.0 (0.37)	10.8 (0.40)	2.9 (0.23)
45–64 years . . . . .	2.6 (0.26)	7.3 (0.46)	9.2 (0.52)	13.2 (0.61)	3.3 (0.29)
65 years and over . . . . .	7.8 (0.60)	7.6 (0.62)	5.7 (0.55)	10.8 (0.70)	5.1 (0.46)
Female:					
18–44 years . . . . .	0.2 (0.05)	10.7 (0.36)	10.8 (0.36)	19.7 (0.48)	5.4 (0.28)
45–64 years . . . . .	2.0 (0.21)	10.2 (0.45)	10.3 (0.51)	24.9 (0.72)	7.7 (0.41)
65 years and over . . . . .	3.5 (0.32)	7.7 (0.47)	6.8 (0.42)	17.2 (0.67)	7.8 (0.49)
Race, ethnicity, and age					
White non-Hispanic:					
18–44 years . . . . .	0.3 (0.06)	10.3 (0.32)	10.7 (0.34)	16.8 (0.41)	4.7 (0.24)
45–64 years . . . . .	2.4 (0.19)	8.9 (0.38)	10.1 (0.42)	19.9 (0.58)	5.5 (0.28)
65 years and over . . . . .	5.7 (0.34)	7.5 (0.42)	5.9 (0.36)	14.6 (0.56)	6.8 (0.38)
Black non-Hispanic:					
18–44 years . . . . .	*0.3 (0.12)	9.7 (0.65)	8.7 (0.62)	14.3 (0.83)	3.8 (0.38)
45–64 years . . . . .	1.5 (0.41)	9.6 (0.89)	9.7 (0.93)	21.5 (1.38)	7.3 (0.90)
65 years and over . . . . .	3.0 (0.79)	9.2 (1.24)	8.2 (1.11)	17.7 (1.62)	6.2 (0.95)
Other non-Hispanic:					
18–44 years . . . . .	*– (–)	8.0 (1.06)	10.1 (1.34)	11.1 (1.43)	1.6 (0.45)
45–64 years . . . . .	*2.4 (0.90)	8.4 (1.74)	9.7 (1.96)	13.5 (2.42)	4.4 (1.30)
65 years and over . . . . .	*2.7 (1.65)	*7.1 (2.39)	17.3 (4.85)	*13.7 (4.16)	*5.4 (2.44)
Hispanic:					
18–44 years . . . . .	*0.2 (0.08)	6.3 (0.46)	6.6 (0.47)	9.3 (0.54)	2.5 (0.29)
45–64 years . . . . .	*1.0 (0.34)	7.1 (0.80)	6.4 (0.82)	12.2 (1.06)	4.9 (0.72)
65 years and over . . . . .	*3.5 (1.13)	7.3 (1.35)	5.5 (1.09)	9.5 (1.49)	5.8 (1.38)
Race, ethnicity, sex, and age					
White non-Hispanic male:					
18–44 years . . . . .	0.3 (0.10)	9.4 (0.45)	9.9 (0.47)	11.5 (0.48)	3.1 (0.29)
45–64 years . . . . .	2.7 (0.30)	7.5 (0.53)	9.5 (0.58)	13.6 (0.70)	3.2 (0.32)
65 years and over . . . . .	8.1 (0.64)	7.3 (0.69)	5.1 (0.55)	10.5 (0.74)	5.2 (0.51)

See footnotes at end of table.

**Table 4. Percents (with standard errors) of selected respiratory diseases among persons 18 years of age and over, by selected characteristics: United States, 1997—Con.**

Selected characteristic	Selected respiratory diseases <sup>1</sup>				
	Emphysema	Asthma	Hay fever	Sinusitis	Chronic bronchitis
Race, ethnicity, sex, and age—Con.					
Percent <sup>2</sup> (standard error)					
White non-Hispanic female:					
18–44 years . . . . .	0.2 (0.05)	11.1 (0.46)	11.6 (0.45)	22.1 (0.61)	6.2 (0.37)
45–64 years . . . . .	2.2 (0.26)	10.2 (0.53)	10.6 (0.60)	25.9 (0.84)	7.6 (0.47)
65 years and over . . . . .	4.0 (0.37)	7.7 (0.52)	6.5 (0.46)	17.5 (0.74)	8.0 (0.54)
Black non-Hispanic male:					
18–44 years . . . . .	*0.3 (0.18)	7.7 (0.94)	7.8 (0.99)	10.6 (1.15)	2.5 (0.56)
45–64 years . . . . .	*1.8 (0.73)	6.6 (1.28)	8.6 (1.35)	14.5 (1.75)	4.0 (1.17)
65 years and over . . . . .	*5.9 (1.84)	12.0 (2.59)	7.4 (1.78)	14.8 (2.71)	*4.5 (1.37)
Black non-Hispanic female:					
18–44 years . . . . .	*0.3 (0.16)	11.3 (0.87)	9.4 (0.82)	17.4 (1.07)	4.9 (0.54)
45–64 years . . . . .	*1.3 (0.46)	11.9 (1.31)	10.6 (1.25)	27.1 (1.89)	9.9 (1.25)
65 years and over . . . . .	*1.1 (0.37)	7.3 (1.22)	8.7 (1.43)	19.5 (1.98)	7.2 (1.34)
Hispanic male:					
18–44 years . . . . .	*0.2 (0.09)	5.2 (0.65)	5.9 (0.65)	7.4 (0.77)	2.4 (0.48)
45–64 years . . . . .	*1.0 (0.51)	5.4 (1.09)	4.0 (0.90)	6.9 (1.21)	2.6 (0.74)
65 years and over . . . . .	*7.7 (2.59)	5.4 (1.42)	*4.9 (1.72)	8.3 (2.37)	*5.4 (1.94)
Hispanic female:					
18–44 years . . . . .	*0.2 (0.13)	7.5 (0.65)	7.4 (0.66)	11.4 (0.79)	2.6 (0.35)
45–64 years . . . . .	*1.0 (0.48)	8.7 (1.15)	8.6 (1.26)	17.1 (1.62)	7.0 (1.28)
65 years and over . . . . .	*0.4 (0.24)	8.6 (2.11)	5.9 (1.34)	10.5 (1.87)	*6.1 (1.94)
Poverty status and age					
Poor:					
18–44 years . . . . .	*0.6 (0.21)	11.2 (0.62)	8.6 (0.60)	13.2 (0.73)	5.7 (0.48)
45–64 years . . . . .	6.4 (0.94)	15.0 (1.32)	11.0 (1.14)	21.7 (1.57)	11.9 (1.11)
65 years and over . . . . .	6.6 (0.99)	8.2 (1.13)	7.1 (1.09)	19.0 (1.62)	8.9 (1.13)
Near poor:					
18–44 years . . . . .	*0.4 (0.14)	10.5 (0.63)	8.9 (0.58)	14.5 (0.72)	4.9 (0.48)
45–64 years . . . . .	5.4 (0.70)	10.0 (0.90)	10.1 (1.11)	19.2 (1.28)	7.6 (0.78)
65 years and over . . . . .	7.1 (0.71)	9.2 (0.78)	6.4 (0.76)	15.0 (1.03)	8.2 (0.74)
Not poor:					
18–44 years . . . . .	0.2 (0.04)	9.4 (0.34)	11.2 (0.37)	16.8 (0.44)	3.9 (0.23)
45–64 years . . . . .	1.4 (0.18)	8.4 (0.41)	10.2 (0.48)	20.1 (0.66)	4.9 (0.33)
65 years and over . . . . .	5.0 (0.49)	7.6 (0.58)	6.4 (0.51)	14.0 (0.70)	6.6 (0.54)

\* Figure does not meet standard of reliability or precision.

– Quantity zero.

<sup>1</sup>Respondents were asked in two separate questions if they had ever been told by a doctor or other health professional that they had emphysema or asthma. Respondents were asked in three separate questions if they had been told by a doctor or other health professional in the past 12 months that they had hay fever, sinusitis, or bronchitis. Persons may be represented in more than one column.<sup>2</sup>Unknowns for the variable of interest are not included in the denominators when calculating percents.<sup>3</sup>“Other non-Hispanic” includes non-Hispanic persons who identified their race as American Indian, Alaska Native, Asian, or Pacific Islander. These categories are too small to show separately. Persons of Hispanic origin may be of any race.<sup>4</sup>Poverty status is based on family income and family size using the U.S. Census Bureau’s poverty thresholds. “Poor” persons are defined as below the poverty threshold. “Near poor” persons have incomes of 100% to less than 200% of the poverty threshold. “Not poor” persons have incomes 200% or greater than the poverty threshold.